

~~1901~~
Annual Report,
To the Wursley Rural District Council,
Annual Report of Medical Officer of Health.

Population in 1901.	11,636.
Area in Acres (land only)	25,521.
Inhabited Houses.	2,753.
Estimated population to July 1909.	11,199.

The district consists of eleven parishes viz. -
Ham, Coaley, Wursley, Kingswood, North Ribley,
Wympshild, Owlpen, Slimbridge, & Tinchcombe,
Uley and Wotton-under-Edge.

Inspector of Nuisances,
Mr. William Webb
Uley.

To the Wursley Rural District Council,
Mr. Chairman, Ladies & Gentlemen.

Description
of
District

The Rural district of Wursley is situated on the sides & buttresses of the Western Cotswolds which hills Geologically, consist almost entirely of white lime-stone. Great quantities of clay & marl lie in the valleys and run to considerable distances up the hillsides with here & there a bed of gravel.

the streams
of the
district

Many springs of bright clear water rise at the foot or on the hillsides which unite in their respective valleys and so form the streams of the district: - the chief among which are the Ham, the Ribley-brook, the Wyerbrook, the Alderley-brook and the Wickwar-brook.

The Cam drains Uley, Nursley, Cam and the greater part of Booley, it empties itself into the Berkeley & Gloucester Canal in the parish of Blimbridge; through which parish the canal passes.

The Ribley-brook drains the greater part of North Ribley and discharges into the Matford-brook

The Wyers-brook drains Wotton-under-Edge, the Elderley-brook, the Elderley part of Wotton-under-Edge, these unite, and so form one stream which drains Kingswood, and joins the little Avon

The Wichwar-brook drains only a small & remote part of the parish of Kingswood, but is chiefly important as forming a boundary between this District & Chipping Godbury & Thornbury Rural Districts

With about one exception, it may be said these streams are not used for domestic purposes.

The
Villages
of the
district.

The Villages which make up the District vary in more directions than one; as to population per acre, some are fairly compact, while others are scattered; as to situation some are built on the hillsides and abutments, which run out to different distances in the Valley of the Severn, others again are on lower ground. Nympsfield is the only village situated near the top of the hill, and is from 700 to 800 ft above sea level; and Blimbridge is the only village wholly situated in the valley. So that for the most part the District is naturally well drained.

House accommodation is better provided for in

House the district than it was years ago.
accommodation During the year we inspected nineteen new dwellings all of a very good type. Also one dwellings constructed out of an old malt-house under Public Health Act (Amendment) Act 1890 Part III Sec 33. The bye-laws with regard to new buildings will prevent the construction of back to back houses in the parish of Nursley and will insure a sufficiency of space about them: but of that there is little to complain of in this district, and with few exceptions the surroundings are fairly well kept.

Housing of the Working Classes Act 1890. Part II. No house has been closed under this section. Three have been placed in habitable repair. Cleansing & Limewashing Sec 46. Public Health Act 1875.

Four have been cleansed & limewashed during the year under this section.

Plans of new Buildings: -

Five sets of Plans for new Buildings in the District of Nursley, have been before your Board and approved, being four for domestic buildings and one for Shop & Warehouse etc. We found a sanitary defect in one, this was remedied.

Sanitary Arrangements in new Buildings.

Under Sec 21 to 25, Public Health Act 1875.

We inspected the sanitary arrangements to nineteen new dwellings. One house drain emptied into ditch. One into septic tank.

One had no house drain. The remainder emptying into cesspits or into sewers.

Secs 35 & 36. We found eight supplied with pail-closets, eleven with W.C's.

All except one had no ash-pit. In most cases the ashes are either used in pail-closets or collected by the scavenger and kept in boxes till so collected.

Public Health (Water) Act 1878. Sec. 6.

Under the above we have inspected the water supply to nineteen new, one re-constructed dwellings and twelve water certificates have been issued by your Board during the Year.

Sewage & Sewers.

The sewerage system of Hursley & Cam was completed in the Year 1905. There were twenty connections made to the new sewers during the Year, making a total of 242. The outfall works continue to give satisfaction.

Motton-under-Edge has no proper system of drainage, but much good work was done a year or two ago, which has greatly improved those streets in which the work was carried out. To the drains of Motton-under-Edge three connections were made during the Year.

The Sewers in the other part of the district are both short & small, improvements are carried out in all reconstructions of drains & sewers. All the public Sewers of the district are under the control of your Board Sec 13. Public Health Act 1875.

But little sewage enters the stream called the Cam, until it reaches Hursley. The process of reducing this is slow, as only twenty connections were made to the new Sewers during the Year.

The Sewers of Motton-under-Edge empty into Wyer-brook. Here it may be mentioned that

on June 15th. Several delegates from the Gloucestershire County Council Sanitary Committee with Mr. Martin, County Medical Officer of Health, met at Hotton-under-Edge and inspected the above stream, this meeting & inspection I attended & also Mr. Webb. The sub. come of which is as follows; viz: -

It has been suggested that with a view to a mitigation of the nuisance for the present an intercepting sewer be laid to collect sewage for treatment by septic tanks below the mill, at a reasonable cost out of current revenue with arrangement for storm water over-flow.

Signed by Messrs H. H. Hicks Peack, H. C. Critchley & Mathew Priest.

The sewage which finds its way into the other streams of the District is but small in quantity and what of excrement is not water-borne is collected in cesspools, privies, or pail-closets.

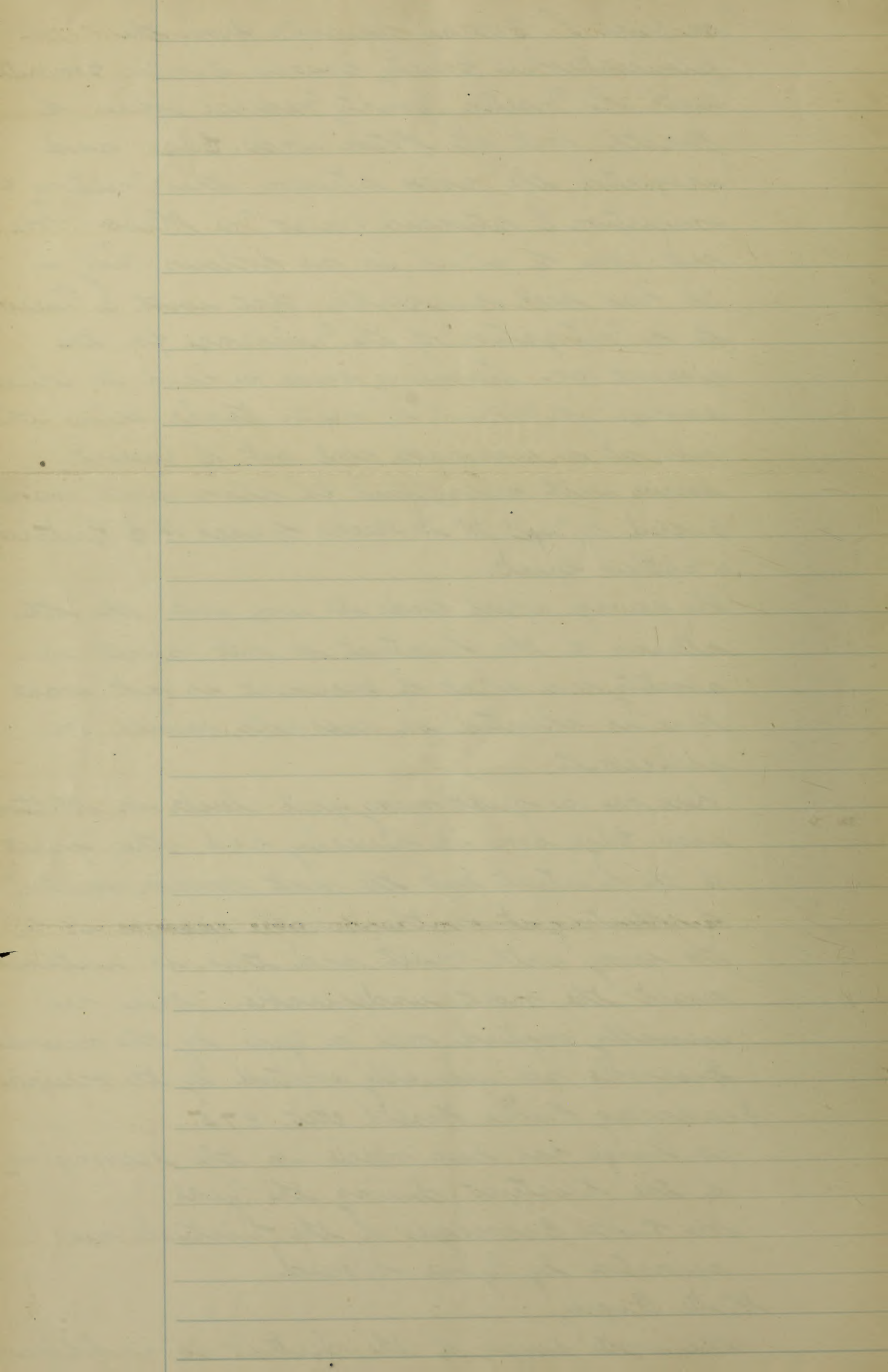
There are a great many pail-closets in Hotton-under-Edge, some in Hrusley and other parts of the District but the most common method of collecting it in the small villages is by the privy with vault, and this is without doubt the most undesirable. These are usually emptied once a year by the occupier. Cesspools are usually emptied by the occupier. Scavenging Public Health Act 1875.

No change has been made in the scavenging of the District during the year.

The Public Scavengers of the District are appointed by Your Board.

Water Supply.

The water supply of the District is as follows:



and in order of time, Goaley, Kingswood, Holton-under-Edge and Hursley have public Supplies. In Holton-under-Edge ten connections were made to the water-main during the Year.

In Hursley twelve.

No change in the parishes of Goaley or Kingswood, the parish of Cam: -

There is a small supply in Upper Cam, and another in Lower Cam, these supplies are by means of stand-pipes or cisterns with taps. One would like to find a good supply for the village.

All the remaining parishes are supplied by spring, deep or shallow wells, some with, many without pumps.

All these water supplies are under the control of your Board.

All the water in the District is more or less hard, but for the most part it may be said to be fairly well supplied with water.

No further change has been made in the District with regard to water supply during the Year. The rainfall during the Year was 32.14 inches.

Water Analysis.

Fourteen samples of water were examined during the Year, twelve were found fit for domestic use, two were found suspicious.

The Common-lodging-houses,

There are only two of the above in the District these are situated in Holton-under-Edge, both were visited by us under the bye-laws relating thereto, in April and again in December, and we found them in a satisfactory condition.

Slaughterhouses: -

Under the bye-laws relating thereto we

visited and inspected 28 of the above between October 12th & November 13th. He found 27 in a satisfactory condition & recommended limewashing in one. Here I may draw attention to a Memorandum of the Local Government Board dated Oct. 29th 1909. In which they require to be further informed concerning the above in the Annual Report, and the special points are the following: Viz. -

- 1st How many slaughterhouses are there in the District. There are 28.
- 2nd Whether they are visited at times of slaughtering. No.
- 3rd Whether there is an inspector with a special certificate in meat inspection. No.
- 4th Whether any, and if so, how many carcasses or parts of carcasses were found to be tuberculous. Here again. No.
- 5th What action was taken in each case in which tuberculosis was detected. Therefore, this is - No action taken.

Dairies, Cowsheds, Milkshops & Milkstores.

The above were re-registered during the Year, & there are 75 names in the Inspectors book under the Dairies, Cowsheds, & Milkshops Order. 1885. Of these there are two milkshops in the District. To these various premises 144 visits of inspection have been made during the Year.

With the following result: Viz. there was found under Structural Sanitary Plate.

- | | |
|----------------|--------------------------|
| a. Lighting. | Good. |
| b. Ventilation | Good. |
| c. Cleansing. | 2. required limewashing. |
| d. Drainage. | Good. |

e. Water supply. satisfactory.
4. H. Q's. not any. Act 10. Dairies Orders.
Dangerous Infectious Disease.

There was one case of the above at a dairy-farm in Uley, the case was isolated at once at the Moors, the house disinfected and cleaned and as far as we know no case that followed in Uley could be traced to it. At present your Board has not adopted regulations to control dairies, cowsheds & milkshops. There has been no action taken by the Council, or by any other authority acting under special powers, in causing dairy-cows in the district to be examined by Veterinary Surgeons, so far as I am aware.

The above is another matter upon which the Local Government Board desired to be specially informed.

Factories & Workshops Act 1901.

In the inspectors Register there were entered 35 Factories, 44 Workshops, 25 Retail bakeries, and 5 laundries, making a total of 109. There were 35 inspections made to Factories, 120 to Workshops including bakeries and laundries, and one to a work. place, making a total of 156.

No lists of outworkers have been sent in.

We have no out-workers in the District.

The following is the information gained & defects remedied viz: - Written notices were sent to three and other action taken under the various sections as enumerated below:

(Sec 2 (1))	Cleanliness: -	9 required limewashing.
	four bakeries & five other workshops.	
(Sec 2 (7))	Ventilation	Satisfactory.

- (§. 2(1) 3) Overcrowding not any.
 (§. 2(2)) Nuisances, effluvia from drains, etc. one.
 (§. 8) Drainage of floors. good.
 (§. 14) Means of escape from fire. Satisfactory.
 Retail bakehouses.

- (§. 97) H. B. & C. Ashpits, cistern, drains. not any.
 (§. 98) Witness on sanitary ground. Satisfactory.
 (§. 100) Sleeping place on same level. Not any.
 (§. 101) Underground & certified. Not any.
 (§. 133) Failure to affix abstract. Not any.

There is no woman, or child or young person employed in any retail bakehouse in the District.

There was one case of dangerous infectious disease occurred in the house of a dress-maker in the parish of Slimbridge. The case was removed to the isolation hospital, the place disinfected and cleansed, and as far as we know no other case followed as the result of it.

Nuisances Sec 91. Public Health Act 1875.

Under this section 91 nuisances were reported, also 2. swine nuisances. Total number of notices served 210. Total number of statutory notices served 50. Total number of nuisances abated during the year. 90.

Burial Grounds & Cemeteries.

In consequence of a complaint made concerning the church-yard, Hutton-under-Edge I visited it with Mr. Webb on September 7th & made a report there-on to your Board.

In it I suggested that it might be worth while for the parish Council to give the question of providing a Cemetery for the parish early consideration.

Prosecutions. There was no prosecution during the Year.

Attendance at Meeting of Rural District Council. These were twelve during the Year.

Infectious Diseases Notification Act 1889. Table III
Under the above Act 71 cases were notified during the Year. These being 17 of Diphtheria eleven of Erysipelas, and 43 of Scarlet-fever. It is the most serious out-break as to numbers since I have held office - twenty years. Of the districts there were 47 in the Wursley District and 24 in the Hotton-under-Edge District. Fifteen were removed to the isolation hospital, being 14 from Wursley district and one from Hotton-under-Edge. These were 9 in the first quarter, 12 in the second, 17 in the third, and 36 in the fourth.

Dangerous Infectious Sickness.

There have been 52 cases of dangerous infectious sickness entered in the District Medical Officer's Relief-books.

All notifiable were duly notified.

There were 14 of diarrhoea, 3 of Measles, 26 of Influenza, 8 of Whooping-cough and one of Diphtheria. There were 24 in the Wursley District, four of these being in the Workhouse and 28 in the Hotton-under-Edge District.

Measles Whooping-cough are not notifiable in this district.

Means taken in this District to prevent the spread of dangerous infectious disease. I call notifiable diseases where there is urgency are visited by Mr Webb or myself or both of us together as soon as possible

after the notification certificate has been received.

II The inspector sends without delay printed instructions relating to isolation. Disinfection step to all cases.

III Disinfectants are supplied free of cost to all people in humble life.

IV In all cases where there is a child or children attending a public elementary School or Schools from an infected home, there is forwarded Memorandum (B) giving information as to the nature of the infection in such and such household to the Manager, Master or Mistress of such school or schools as early as is possible.

V Of these 27 sent during the year.

When the infected person has recovered: the house thoroughly disinfected and cleansed it is inspected, if found to be satisfactory a certificate is forwarded of "Proper Disinfection" to the afore-said school authorities.

Of these thirteen were sent during the year.

VI In 1904 your Board passed a resolution authorizing disinfection of room or rooms after death & burial in cases of Phthisis Of these eleven were disinfected during the year.

VII The disinfection of public elementary Schools. Where there has been good reason for suspecting infection of such premises. Of these one was disinfected.

VIII The closing of public elementary Schools in consequence of the prevalence of dangerous infectious disease in accordance with the Memorandum of the Local Government Board.

January 1908. With a view to prevent the spread of disease: This was carried out in the following parishes: Viz:—

The Stinchcombe School, - Whooping-cough. March 6th to 27th.

The Uley School, Whooping-cough. April 21st to June 1st.

The Kingswood School, Diphtheria July 23rd to July 30th.

The Nympsfield School, Measles Sept 10th to Sept 24th.

II - During 1907 your Board resolved to send notices of the prevalence of dangerous infectious disease to Superintendents of Sunday Schools in districts in which the public elementary Schools were closed asking for their co-operation in preventing the spread of disease. Of these eight were sent during the Year.

X Removals to the Infectious Hospital fifteen were removed to the Moors during the Year.

XI Bacteriological Diagnosis.

Three cases of Diphtheria were verified by the above process, but these can represent but few of the swabs sent to the bacteriologist for examination.

XII Public Health (Tuberculosis) Regulations 1908.

Under the above the District Medical Officers are instructed to notify the Medical Officer of Health, of cases of pulmonary phthisis coming under their care for treatment. I received two notifications of the above both from Holton-under-Edge district. Both were visited by myself & Mr Webb. Both have died of the disease.

In the Memorandum of the Local Government Board above referred to, -

It states that if the Council should wish to extend the provisions of the Infectious Disease (Notification) Act 1889, in their district

to Glanders Anthrax & Hydrophobia in man, the Board would be prepared to favourably entertain an application for their approval of the resolution which, after due notice it would be necessary for the Council to pass on the subject.

No case of Anthrax was reported in the district during the Year.

The Isolation Hospital.

This is situated at the Moors in the parish of Soaley, District of Wursley. It is intended for small-pox only, and is capable of accommodating four of such cases.

Break Heart's Hill, Hospital Site.

The above is still in the possession of Your Board but is let to a tenant.

Vital Statistics

Table I.

The population of this district in the census Year, according to Official Information was 11,636 which was lower than had been estimated for that Year.

The estimation of the population to the middle of 1909 has been calculated on the proportional loss between the census years 1891 & 1901.

So that it is estimated to be 11,199 & almost all the calculations are based upon the estimated population.

Table II This estimation of the population apportioned to the combined districts of Wursley & Uley with Workhouse 6912.

to Hotton-under-Edge District 4287.

The births registered in the whole district during the Year are 232, with a birth-rate 20.7. Of these 111 are males, and 121 females.

For the different districts, it is Dursley 142
birth-rate 20.5. Horton-under-Edge 90. birth rate 20.9.
For the Administrative County of Gloucester in
1908 it was 22.4. For all England & Wales 26.5.

Table II

The deaths registered during the year in the
district are 172 with a death-rate of 15.3.

but there were 5 deaths of residents belonging
to the district registered in public institutions
beyond the district this makes the nett
deaths at all ages 177, with a death-rate 15.8.

This is called the general death-rate.

Of these 87 were males and 90 females.

The death-rate for the Administrative County
for 1908 was 12.8. For all England & Wales 14.7.

The deaths for the district of Dursley were 113.
with death-rate 16.3. A high death-rate. So
many old people died.

Horton-under-Edge 44 with a death-rate 14.9.

Deaths in the period of old age are 70-80
forty-seven; 80-90 twenty-nine; 90-100, seven;
seven nonagenarians. The total number of deaths
over seventy years were 83.

Infant Mortality:

The deaths registered in the district under one
year are 23, death-rate 99.1. This is the number
of deaths under one year to the thousand births.
In 1908 it was 79.5. For the Administrative County
of Gloucester it was 83. For all England
& Wales 121.

Here, I think it a suitable position to deal
with the last item to be dealt with in
the afore-said Memorandum of the Local
Government Board viz:- a full account of
the Working of the Notification of Births etc 1907.

the reply to which is.. That the Act has not been adopted in this District.

Table I.

Tabulates deaths from various causes under one year, in weeks and months. Also certified & uncertified deaths registered in the District. All were certified. It also takes note of legitimate and illegitimate births, the legitimate were 225 and the illegitimate were 7. Also the deaths of legitimate infants that is, under one year, of these 19 were registered. of the illegitimate infants 4.

Table II. deals with the working of the Factory & Workshops Act and is sent out from the Home Office. This has been dealt with under that Section.

Symptomatic Disease etc Table III.

The seven principal Symptomatic diseases are Small-pox, Measles, Scarlet-fever, Diphtheria, & Membranous Croup, Whooping cough, Fevers and Diarrhea & was the cause of death in six persons in the District during the year. Symptomatic death-rate is .53. One died of Scarlet fever death-rate .08. Two of Whooping-cough death-rate .17. One of Diphtheria death-rate .08. Two of Diarrhea death-rate .17. Four died in Wotton-under-Edge. Two in Mursley Districts.

Six died of Epidemic Influenza death-rate .53. Two of Enteritis death-rate .17.

Eleven of Phthisis death-rate .98. Two of other tubercular diseases death-rate .17.

Ten died of Cancer death-rate .89.

Thirteen of Acute Respiratory Diseases death-rate 1.16.

Eleven of other Diseases of the Respiratory Organs.

Two of alcoholism, Quinosis of liver.
Five of Premature birth. Twenty-three of heart
disease. Three of Accidents, & 88 of all other causes.
Ten died in the Work-house during the Year.
No death was registered in the District from
Small-pox, Measles, Diphtheria, Typhoid, Typhus, or any kind.
Cholera, Plague, Gastritis, Typhoid fever,
Erysipelas, Pleurisy, Venereal Diseases, Diseases
& Accidents of Parturition nor Suicide.

Prospective:—

The Completion of the house connections to the
New Sewers in Hursley's Ham.

The possibility of making use of the Housing,
Town Planning etc Act.

Housing of the Working Classes.
Part III of the Housing of the Working Classes
Act 1890, which enables Local Authorities to
provide houses for the Working classes.

I remain,

Your Obedient Servant.

F J Jynen

April 6-1910.

Vital Statistics of Whole District during 1909 & previous years

Name of District: Dursley Rural

Year	Population estimated to middle of each year	Bills		Total deaths registered in District		At All Ages		Total deaths Public Health District	Deaths of non-residents registered in Public Health Districts in the District	Deaths of residents registered in Public Health Districts in the District	Nett deaths at all ages being 56 the District	
		Number	Rate	Under 1 year of age Number Rate per 1000 births registered		Number	Rate				Number	Rate
1	2	3	4	5	6	7	8	9	10	11	12	13
1899	11729	275	23.4	29	105.4	204	17.3	10				
1900	11674	262	22.4	19	72.5	172	14.7	13				
1901	11623	255	21.9	18	70.5	153	13.1	7		3	150	12.73
1902	11570	237	20.4	31	130.8	190	16.4	14	1	3	193	16.6
1903	11517	283	24.5	24	84.8	157	13.8	16		2	159	13.8
1904	11464	266	23.2	19	71.4	141	12.3	12		9	150	13
1905	11411	262	22.9	25	95.4	155	13.5	7	4	6	157	13.7
1906	11358	241	21.2	18	74.7	171	15	7		8	179	15.7
1907	11305	216	19.1	14	64.8	133	11.7	10		8	141	12.4
1908	11252	264	23.4	21	79.5	148	13.1	17		7	155	13.7
Average for years												
1899-1908		11490.5	256.1	22.2	84.9	162.4	14	11.3				
		11490.5	256.1	22.2	84.9	162.4	14	11.3				
1909	11199	232	20.7	23	99.1	172	15.3	10	-	5	174	15.8

Area of District in Acres (exclusive of Area covered by water) 26,521.

Total population at all ages 11636
 Number of inhabited houses 2753
 Average number of persons per house 4.2

at census of 1901

Table II

Vital Statistics of Several Localities 1909 and previous years

Name of District: — Dursley Rural

Names of Localities	1 Dursley District and Workhouse				2 N. W. District & Workhouse				3 Wotton and Edge District & Workhouse			
	Population estimated to middle of each year	Births registered	Deaths at all ages	Deaths under 1 year	Population estimated to middle of each year	Births registered	Deaths at all ages	Deaths under 1 year	Population estimated to middle of each year	Births registered	Deaths at all ages	Deaths under 1 year
Year	a	b	c	d	a	b	c	d	e	f	g	h
1899	5184	119	82	19	1868	52	35	1	4677	104	87	9
1900	5177	117	77	8	1861	38	35	1	4638	107	70	10
1901	5170	110	49	4	1854	44	23	4	4599	101	74	10
1902	5163	113	72	12	1847	31	36	7	4560	93	84	12
1903	5156	127	62	9	1840	45	23	4	4521	111	74	11
1904	5149	119	62	6	1833	44	24	5	4482	103	64	8
1905	5142	125	68	14	1826	38	26	1	4443	99	67	10
1906	6954	151	90	11					4404	90	89	7
1907	6940	118	86	11					4365	98	55	3
1908	6926	161	84	13					4326	103	71	8
Average of Years 1899 to 1908	6989	156.2	92.4	13					4501.5	100.9	73.5	8.8
1909	6912	142	113	13					4287	90	64	10

Cases of Infectious Disease Notified during the year 1909

Name of District:— *Dusley Rural*

Notifiable Disease	Cases notified in whole district							Total cases notified in each locality		No. of cases removed to hospital from each locality		Total cases removed to hospital
	at all ages	at ages - years						Dusley District	W. Hamond & W. Vithies	Dusley District	W. Hamond & W. Vithies	Hospital
	ages	under 1	1-5	5-15	15-25	25-65	65 & up					
Small-pox												
Cholera												
Diphtheria	17	-	3	7	3	4		6	11	2		2
including scarlet												
Erysipelas	11	1	2	1	-	6	1	9	2			
Scarlet fever	103	1	16	20	3	3	-	32	11	12	1	13
Typhoid fever												
Enteric fever												
Relapsing fever												
Cerebral fever												
Pneumonia												
Plague												
Totals	71	2	21	28	6	13	1	47	24	14	1	15

Isolation hospital name & situation:— *The Moors, Conley*

Total available beds 4 for small-pox.

Number of diseases that can be concurrently treated, 1.
But 6 to 8 ^{cases} of scarlet fever in children can be treated there.

21
Name of District in Duxbury Rural

Cause of Death	Deaths of the subjects aged 1 year to whether occurring in or before the District							Deaths of all ages of residents of Duxbury Rural occurring in the District			Total deaths of residents of Duxbury Rural occurring in the District
	All Ages	Under 1	1 under 5	5 under 15	15 under 25	25 under 65	65 and over	Male	Female	Total	
1	2	3	4	5	6	7	8	9	10	11	12
Small-pox											
Measles											
Scarlet fever	1				1					1	
Whooping-cough	2	1	1							2	
Diphtheria & membranous croup	1			1						1	
Croup											
(Typhus											
fever { Enteric											
{ Other Cuts											
Epidemic typhus	6	2	-	1			3	5	1		
Cholera											
Plague											
Diarrhea	4						2	2			
Enteritis	2	1					1	2			
Gastritis											
Puerperal fever											
Erysipelas											
Phlebitis	11				3	8		8	3		
Pulmonary tuberculosis											
Other tuberculous diseases	2			1		1		2			
Cancer (except of skin)	10					6	4	6	4		1
Bronchitis	8	1					7	4	4		
Pneumonia	5	3					2	5			
Pleurisy											
Other diseases of respiratory organs	11					2	9	7	4		2
Calculus of the bladder	2					1	1	1	1		1
Cystitis of the bladder											
General diseases											
Premature birth	5	5						5			
Diseases accidental to parturition											
Heart diseases	23			1	1	4	17	18	5		3
Accidents	3	1	1			1		1	2		
Suicides											
All the causes	83	9	2	4	4	14	50	47	36		3
All causes	177	23	4	8	9	37	96	113	64		10

